



Flight Plan & Site Survey

Created using **RPAS Wilco®**

Operation Name:	bonnyville rcfc
Pilot Name:	██████████
Pilot Certificate:	██████
Flight Start:	February 3, 2023 8:15 AM
Flight End:	February 3, 2023 10:15 AM
Flight Area (Latitude):	54° 20' 19.70" N (54.339)
Flight Area (Longitude):	110° 40' 52.70" W (-110.681)
Altitude - Radius:	Alt: 600 ft - Rad: 926.0 m (0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZEG - 780-890-8397
Weather:	-11.2 Celsius - Partially cloudy

Please ensure you received all required authorizations prior to flight.

Disclaimer

This Site Survey was created using RPAS Wilco by AIM Robotics. The flight plan contained is intended only for RPAS flights on the date/time and location specified. The user accepts all responsibility for the accuracy and completeness of the information contained.

For the complete Terms & Conditions, see

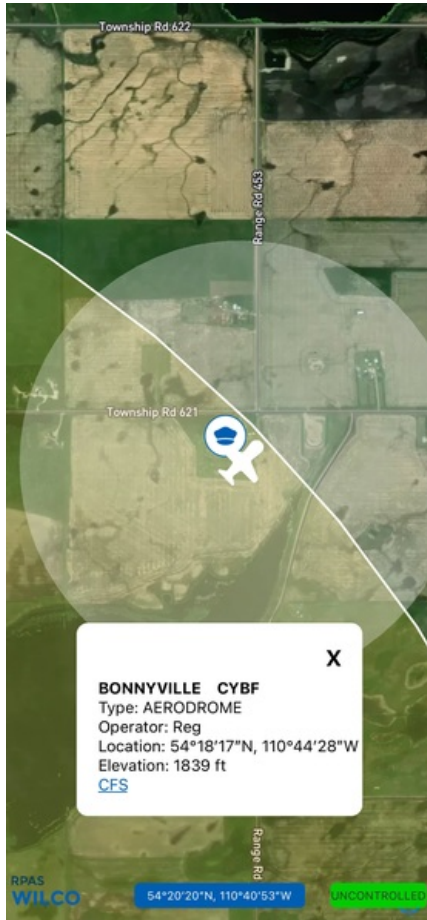
<https://rpaswilco.com/#/tnc>

Included

- Site Survey
- Obstacles (if available)
- Nearby Aerodromes
- Canadian Aviation Regulations
- GFA
- Aerodrome Supplements
 - METAR & TAF (if available)
- NOTAMs
- CFS



Flight Map

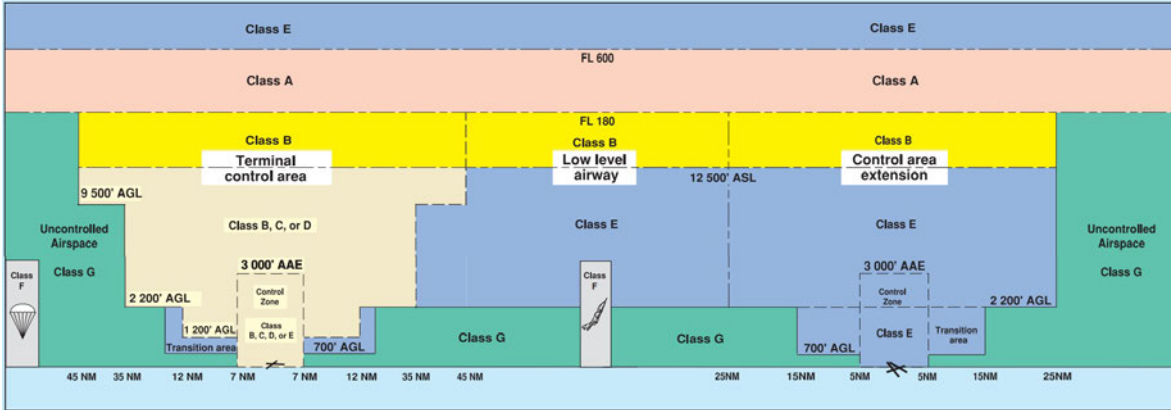


MAP Details

	Latitude	Longitude
 MODEL	54° 20' 19.70" N (54.339)	110° 40' 52.70" W (-110.681)
 Pilot	54° 20' 23.30" N (54.3398)	110° 40' 56.30" W (-110.6823)



Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	Cold Lake, AB TCA	700AGL	12500MSL
B	Cold Lake, AB TCA	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

BONNYVILLE (CYBF AERODROME Reg)	Lat: 54.305	Long: 110.741	5.396 KM	2.91 NM
BONNYVILLE HEALTH CENTRE (CBN2 HELIPORT Cert)	Lat: 54.264	Long: 110.74	9.148 KM	4.94 NM
GLENDON (CFP5 AERODROME Reg)	Lat: 54.271	Long: 111.067	26.135 KM	14.11 NM
GROUP CAPTAIN R.W. MCNAIR (CYOD AERODROME Mil)	Lat: 54.405	Long: 110.282	26.891 KM	14.52 NM

Weather Information for Mission Day

Summary: Partly cloudy throughout the day.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Partially cloudy	11.2 Celsius	17.1 Celsius	14.0 %	17.9 Km	69.7 %	15.9 kph	81.1 %

Canadian Aviation Regulations

Division III — General Operating and Flight Rules

For full listing please visit <https://laws-lois.justice.gc.ca/eng/regulations/SOR-96-433/FullText.html#s-901.27>

Visual Line-of-sight

- **901.11 (1)** Subject to subsection (2) no pilot shall operate a remotely piloted aircraft system unless the pilot or a visual observer has the aircraft in visual line-of-sight at all times during flight.
- **(2)** A pilot may operate a remotely piloted aircraft system without the pilot or a visual observer having the aircraft in visual line-of-sight if the operation is conducted in accordance with a special flight operations certificate — RPAS issued under section 903.03.

Procedures

- **901.23 (1)** No pilot shall operate a remotely piloted aircraft system unless the following procedures are established:
 - **(a)** normal operating procedures, including pre-flight, take-off, launch, approach, landing and recovery procedures; and
 - **(b)** emergency procedures, including with respect to
 - **(i)** a control station failure,
 - **(ii)** an equipment failure,
 - **(iii)** a failure of the remotely piloted aircraft,
 - **(iv)** a loss of the command and control link,
 - **(v)** a fly-away, and
 - **(vi)** flight termination.
- **(2)** If the manufacturer of the remotely piloted aircraft system provides instructions with respect to the topics referred to in paragraphs (1)(a) and (b), the procedures established under subsection (1) shall reflect those instructions.
- **(3)** No pilot shall conduct the take-off or launch of a remotely piloted aircraft unless the procedures referred to in subsection (1) are reviewed before the flight by, and are immediately available to, each crew member.
- **(4)** No pilot shall operate a remotely piloted aircraft system unless the operation is conducted in accordance with the procedures referred to in subsection (1).

Site Survey

901.27 No pilot shall operate a remotely piloted aircraft system unless, before commencing operations, they determine that the site for take-off, launch, landing or recovery is suitable for the proposed operation by conducting a site survey that takes into account the following factors:

- **(a)** the boundaries of the area of operation;
- **(b)** the type of airspace and the applicable regulatory requirements;
- **(c)** the altitudes and routes to be used on the approach to and departure from the area of operation;
- **(d)** the proximity of manned aircraft operations;
- **(e)** the proximity of aerodromes, airports and heliports;
- **(f)** the location and height of obstacles, including wires, masts, buildings, cell phone towers and wind turbines;
- **(g)** the predominant weather and environmental conditions for the area of operation; and
- **(h)** the horizontal distances from persons not involved in the operation.

Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

- **901.47 (1)** No pilot shall operate a remotely piloted aircraft at or near an aerodrome that is listed in the *Canada Flight Supplement* or the *Water Aerodrome Supplement* in a manner that could interfere with an aircraft operating in the established traffic pattern.
- **(2)** Subject to section 901.73 no pilot shall operate a remotely piloted aircraft at a distance of less than
 - **(a)** three nautical miles from the centre of an airport; and
 - **(b)** one nautical mile from the centre of a heliport.
- **(3)** No pilot shall operate a remotely piloted aircraft at a distance of less than three nautical miles from the centre of an aerodrome operated under the authority of the Minister of National Defence unless the operation is conducted in accordance with a special flight operations certificate — RPAS issued under section 903.03.

Records

- **901.48 (1)** Every owner of a remotely piloted aircraft system shall keep the following records:
 - **(a)** a record containing the names of the pilots and other crew members who are involved in each flight and, in respect of the system, the time of each flight or series of flights and
 - **(b)** a record containing the particulars of any mandatory action and any other maintenance action, modification or repair performed on the system, including
 - **(i)** the names of the persons who performed them,
 - **(ii)** the dates they were undertaken,
 - **(iii)** in the case of a modification, the manufacturer, model and a description of the part or equipment installed to modify the system, and
 - **(iv)** if applicable any instructions provided to complete the work.
- **(2)** Every owner of a remotely piloted aircraft system shall ensure that the records referred to in subsection (1) are made available to the Minister on request and are retained for a period of
 - **(a)** in the case of the records referred to in paragraph (1)(a), 12 months after the day on which they are created; and
 - **(b)** in the case of the records referred to in paragraph (1)(b), 24 months after the day on which they are created.
- **(3)** Every owner of a remotely piloted aircraft system who transfers ownership of the system to another person shall, at the time of transfer, also deliver to that person all of the records referred to in paragraph (1)(b).

ALBERTA

AERODROME/FACILITY DIRECTORY

BONNYVILLE AB

CYBF

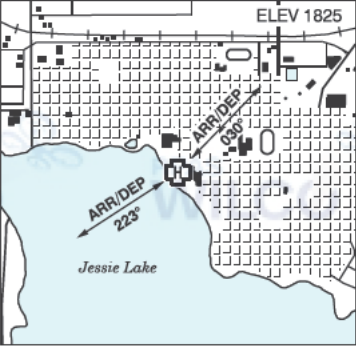
REF	N54 18 17 W110 44 28 2N 13°E (2016) UTC-7(6) Elev 1839' A5015 LO1 CAP	
OPR	MD of Bonnyville No.87 780-812-5000 Reg	
PF	B-1 C-2,3,4,5,6	
FLT PLN		
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	
ACC	Edmonton IFR 888-358-7526	
WX	AUTO 780-826-5293 (see COMM)	
SERVICES	Call out chg may be levied for one or more svc	
FUEL	100LL (Self serve, Visa or MasterCard, Bonnyville Flying Club), JA (FSII avbl) (Self serve Visa or Mastercard, plus in-house cards) 780-826-6885 Bonnyville Air Services (1980) Ltd	
OIL	All	
RWY DATA	Rwy 08(077°)/26(257°) 4434x75 ASPH Thld 26 displ 513'	
RCR	Oprr Ltd maint	
LIGHTING	08-(TE ME) P1, 26-(TE ME) P1 ARCAL-123.2 type K	
COMM		
ATF	tfc 123.2 5NM 4900 ASL	
AUTO	122.975	
PRO	IFR dep, ctc Cold Lake tmi 780-840-8000 Ext 8594. Due to jet blast/fumes concerns, acft turning on the main ramp should avoid directing their engine blast toward the hg.	
CAUTION	Unmarked P-lines along S side of the aprt access road.	

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BONNYVILLE HEALTH CENTRE AB (Heli)

CBN2

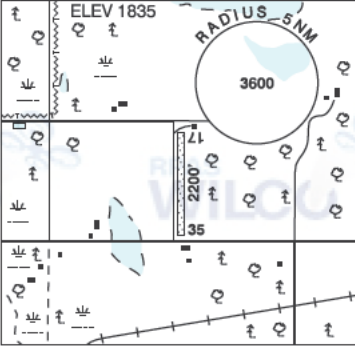
REF	N54 15 50 W110 44 25 14°E (2013) UTC-7(6) Elev 1825' A5015	
OPR	Bonnyville Health Centre 780-826-3311 Cert PPR	
FLT PLN	FIC Edmonton 866-EXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	
HELI DATA	FATO/TLOF 86' dia CONC Safety Area 114.8' dia Max heli overall length 57.4' RCR Opr	
LIGHTING	RY(LO) green	
COMM	ATF tfc 123.2 5NM centred on Bonnyville A/D 2.4NM N 4900 ASL	
PRO	Arr/dep 030° & 223° fr heli, slope 16% (H2)	
CAUTION	Light poles to SW of heli. Overhead powerlines to NE of heli.	

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GLENDON AB

CFP5

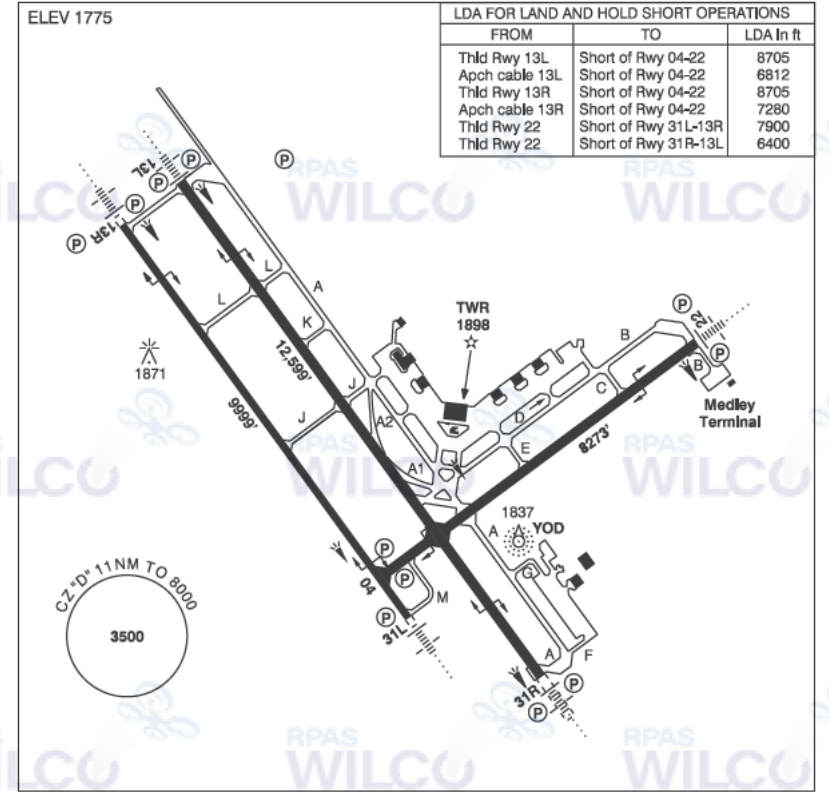
REF	N54 16 15 W111 04 00 2.5NE 14°E (2013) UTC-7(6) Elev 1835' A5015	
OPR	D & W Woycenko 780-635-2165 or 780-812-9280 Reg PPR	
PF	B-1, C-2,4,5	
FLT PLN		
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	
ACC	Edmonton IFR 888-358-7526	
RWY DATA	Rwy 17(166°)/35(346°) 2200x70 turf	
RCR	Opr Ltd win maint	
COMM		
ATF	tfc 123.2 5NM 4900 ASL	
CAUTION	P-lines 30 AGL 150' S thld Rwy 35.	

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AERODROME / FACILITY DIRECTORY

COLD LAKE / GROUP CAPTAIN R.W. McNAIR AB

CYOD



REF	N54 24 19 W110 16 56 5.5SW 13°E (2022) UTC-7(6) Elev 1775' A5015 LO1 H13 CAP
OPR	DND 780-840-8000 NTAS 531-8011 CSN 319-690-8000/8011 Mil PPR
PF	B-1 C-2,3,5,6 D-4
CUST	Mil acft and personnel <u>ONLY</u> - Avbl thru Mil Police.
FLT PLN	PPR 24 hr ntc all mil & civ flts ctc 780-840-8000 Ext 8595, CSN 319-690-8595. Flt Pln Ctr must be notified of arr delays in excess of 1 hr.
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
ACC	Edmonton IFR 888-358-7526
WX	METAR H24. TAF H24, Issue times: 00, 06, 12 & 18Z (plus 15 and 21Z dur mil flt ops). Met brief for mil only. Lcl Met Section CSN 690-7425/8130. O/T JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM)

COLD LAKE / GROUP CAPTAIN R.W. McNAIR AB (Cont'd)

CYOD

SERVICES	All tran acft require PPR thru 4 Wg Ops 780-840-8000 ext 8595. Mil and Civ tran svcs avbl 06-18 hrs lcl Mon-Fri exc hols. O/T by special arng. Prior coord required for hg space with 4 Wg Ops. Access to Medley Terminal after hours is provided through MP Section 780-840-8000 ext 8180. Acft start & refuelling with aircrew supervision exc for B412. Ltd Mil Type I D-ice. 90 min PN Info 780-840-8000 ext 8595.
FUEL	F-34, SP, HPR
OIL	133, 148, 156
S	1 (ltd),6
ARFF	CAT 5
SUP FL	D-Ice mil use only, Type I only, LHOX, LOX
JASU	CE1, 3, 8, 9, 13, 16, CA 1, CEA1
MIL ADV	Tran acft call Wg Ops 30 min prior to ETA on 340.2
RWY DATA	Rwy 13L(131°)/31R(311°) 12.599x200 ASPH Rwy 13R(131°)/31L(311°) 9999x150 ASPH Rwy 04(041°)/22(221°) 8273x200 ASPH RAG: Rwy 13L BAK 12 Mobile Aircraft Arrest System, B, (1893'); Rwy 31R BAK 12 Mobile Aircraft Arrest System, B, (1820'); Rwy 13R/31L BAK 12 Smart Arrest System, B, (1360'); Rwy 04 BAK 12 Smart Arrest System, B, (1305'); Rwy 22 BAK 12 Smart Arrest System, B, (1460')
RCR	Opr CRFI Medley Tml ramp wt ltd. S100, T200, ST248, TT325. Rwy 13L/31R PCN 99/F/D/X/T. Rwy 13R/31L PCN 100/R/A/X/T. Rwy 04/22 PCN 77/F/D/X/U.
LIGHTING	04-(TE HI) P2, 13L-AN (non-std 3000'(1600' SF)) (TE HI) P2 GPI 879' TCH 46', 13R-AN (non-std 3000'(1600' SF)) (TE HI) P2 GPI 850' TCH 44', 22-AN (non-std 2200' (800 SF)) (TE HI) P2 GPI 850' TCH 44', 31L-AN (non-std 3000'(1600' SF)) (TE HI) P2 GPI 850' TCH 44' (Wing bar left side only), 31R-AN (non-std 3000'(1600' SF)) (TE HI) P2 GPI 850' TCH 44'
COMM	Flight Advisory hrs of operation dates & hrs may vary and will be broadcasted on ATIS. 118.25 260.0 120.6 230.6 121.9 275.8 126.2 226.5 236.6 255.7 (E) ltd hrs. O/T Cold Lake advsy 126.2 (E) 124.5 322.8 (E) 119.4x 120.6x 124.5x 128.2x 134.1x 269.6x 279.8x 294.6x 324.3x 336.0x 350.5x 378.5x (E) 124.5x 322.8 (U) Wg Ops 340.2 Tran svcs 308.7 344.6
NAV	NDB YOD 398 (L) N54 23 49 W110 16 18 Preventive maint 20-23Z± Wed if required TACAN UOD 113.5 Ch 82 N54 24 31 W110 17 45 (1806') Preventive maint 01-07Z± first and hird Fri of each month. ILS IOD 109.3 (Rwy 31R) (LOC back course Rwy 13L avail mil use only) RVR. Preventive maint 01-07Z± first and hird Fri of each month. PAR 119.4x 120.6x 124.5x 128.2x 134.1x 269.6x 279.8x 294.6x 324.3x 336.0x 350.5x 378.5x (E) 14-06Z± Mon-Fri, clsd Sat/Sun & Hol, hrs may vary without no ice. PAR preventive maint 01-07Z± Wed dur VFR hol altn Thu. PSR & SSR preventive maint 01-07Z± Tue dur VFR hol altn Wed.

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AERODROME / FACILITY DIRECTORY

COLD LAKE / GROUP CAPTAIN R.W. McNAIR AB (Cont'd)

CYOD

PRO	-Tfc ptns convl 2500 ASL, Jet 3200 ASL -Jet acft in circuit maintain 3200 ASL til commencing base turn. -For straight-in apch (jet acft), maintain 3000 ASL as long as practicable before commencing final descent. -When Rwy 13 in use, remain on or above PAR or PAPI GP to the extent practicable. Consistent with safety of ops, acft should be flown on apch so as to give best possible performance w/ h noise abatement. -In VMC, VFR & IFR acft on dep, overshoot, or missed approach shall not exceed 2500 ASL til dep end of rwy. Noise Abatement Pro: Wkd 0400-1330Z±, Wknds fr Fri 0400Z± to Mon 1330Z± & hol All day. Fixed wing jet acft - straight in VFR or IFR recovery only, no overhead breaks (unless prior appr from Wg Ops), rotary wing acft recover via the W, S or SE only.
CAUTION	Model rocket firing at N54 26 43 W110 12 01 (UOD 033/3.5) & N54 19 04 W110 08 20 (UOD 122/7) 1500 AGL ocsl, voice advsy fr twr. Large acft only: twy intxns A1-A & A2-A involve sharp turns of greater than 135 degrees.